CLAIMS

1. A media data reproduction device comprising:

a recording section for recording therein a part of a media data set as a data set to be complemented;

an instruction receiving section for receiving an instruction inputted by a user;

a receiving section for receiving a complementing data set via a network in accordance with an instruction of reproducing the media data set, the complementing data set being for complementing the data set to be complemented, and the instruction of reproducing received by the input-instruction receiving section; and

a control section for (I) combining (a) the data set to be complemented, which is recorded in the recording section and (b) the complementing data set being received by the receiving section, so as to obtain a compressed media data set (II) obtaining a reproducible media data set from the compressed media data set by decompressing the compressed media data set through a reversed process of a compression process, and (III) carrying out a reproduction of the reproducible media data set.

2. The media data reproduction device as set forth in claim 1, wherein the data set to be complemented is

externally provided to the recording section by using a recording medium.

3. The media data reproduction device as set forth in claims 1 or 2, wherein at least one of the data set to be complemented and the complementing data set includes a plurality of data parts.

4. The media data reproduction device as set forth in any of claims 1 through 3, wherein:

after the reproduction, the control section deletes (i) the compressed media data set, (ii) the reproducible media data set, and (iii) the complementing data set that has been received by the receiving section.

5. The media data reproduction device as set forth in any of claims 1 through 4, wherein a total size of the data set to be complemented is larger than a total size of the complementing data set.

6. The media data reproduction device as set forth in any of claims 1 through 5, wherein the receiving section receives the complementing data set being encrypted.

7. The media data reproduction device as set forth in

any of claims 1 through 6, wherein:

an abnormal situation detecting means is provided for detecting abnormal situation information; and

an operation of the receiving section and/or the control section is stopped in accordance with the abnormal situation information detected by the abnormal situation detecting means.

8. The media data reproduction device as set forth in any of claims 1 through 7, wherein:

the media data set is made of bit information,

the complementing data set is a specific portion of the bit information, and

the data set to be complemented is a remaining portion of the media data set from which the complementing data set is excluded.

9. The media data reproduction device as set forth in any of claims 1 through 8, wherein:

the media data set includes a time-based data sequence,

the complementing data set is a data set extracted from the time-based data sequence at a predetermined time interval, and

the data set to be complemented is a remaining

portion of the media data set from which the complementing data set is excluded.

10. The media data reproduction device as set forth in any of claims 1 through 9, wherein:

the control section carries out the reproduction by combining the data set to be complemented and the complementing data set in accordance with a data-table storing therein information of which part of the media data set is allotted to the complementing data set and which part thereof is allotted to the data set to be complemented.

11. A media data distribution device for distributing the complementing data set to the receiving section of the media data reproduction device as set forth in any of claims 1 through 10, in accordance with a request made by the media data reproduction device.

12. The media data distribution device as set forth in claim 11, wherein:

the complementing data set is distributed to the receiving section in accordance with the request from the media data reproduction device, only in a case where a user of the media data reproduction device is

authenticated.

13. A method for reproducing media data set, comprising:

the recording step of recording a part of the media data set as a data set to be complemented;

the instruction receiving step of receiving an instruction inputted by a user;

the receiving step of receiving a complementing data set from an external device via a network in accordance with an instruction of reproducing a media data set, the complementing data set being for complementing the data set to be complemented, the instruction being received in the receiving step; and

the combining and reproducing step of (I) combining (a) the data set to be complemented, which is recorded in the recording step and (b) the complementing data set received in the receiving step, so as to obtain a compressed media data set, (II) decompressing the compressed media data set through a reversed process of a compression process so as to obtain a reproducible media data set, and (III) reproducing the reproducible media data set.

14. The method as set forth in claim 13, wherein the data set to be complemented, which is recorded in the recording step, is externally distributed by using a recording medium.

15. A media data reproduction program for causing a computer to function as a media data reproduction device as set forth in any of claims 1 through 10.

16. A computer-readable recording medium storing therein a media data reproduction program as set forth in claim 15.

17. A media data distribution program for causing a computer to function as a media data distribution device as set forth in claims 11 or 12.

18. A computer-readable recording medium containing a media data distribution program as set forth in claim 17.